

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-6; amend Claims 7 and 8; and add new Claims 9-14 as follows.

LISTING OF CLAIMS

1.-6. (cancelled)

7. (currently amended) A manufacturing method of an air passage switching door comprising:

forming a door body having a plurality of recess portions recessed from an outer peripheral portion of the door body; and

inserting the formed door body in a mold at a predetermined position, such that the recess portions are positioned in the mold to approximately correspond to be overlapped with outlets of runners for supplying an injection material [[in]] into the mold, wherein:

the outlets of the runners are throttled to increase a flow speed of the injection material and to increase a temperature of the injection material around the recess portions.

8. (currently amended) A manufacturing method according to claim 7, wherein the recess portions are formed so that each width of the recess portions in an outer peripheral direction of the outer peripheral portion is equivalent equal to or less than each width of the outlets of the runners.

9. (new) A manufacturing method according to claim 7, further comprising:
injecting the injection material from the outlets of the runner while the outlets are overlapped with the recess portions, respectively, so that a seal member is formed to surround the outer peripheral portion of the door body.

10. (new) A manufacturing method according to claim 9, wherein,
in the injecting, the seal member adheres to the outer peripheral portion of the door body.

11. (new) A manufacturing method according to claim 9, wherein the seal member is a thermo-plastic elastomer.

12. (new) A manufacturing method of an air passage switching door comprising:

forming a door body;
forming a plurality of recess portions recessed from an outer peripheral portion of the door body; and

inserting the door body with the recess portions in a mold at a predetermined position, such that the recess portions are positioned in the mold to be overlapped with outlets of runners for supplying an injection material into the mold, wherein:

the outlets of the runners are throttled to increase a flow speed of the injection material and to increase a temperature of the injection material around the recess portions.

13. (new) A manufacturing method according to claim 12, further comprising:
injecting the injection material from the outlets of the runner while the outlets are overlapped with the recess portions, respectively, so that a seal member is formed to surround the outer peripheral portion of the door body.

14. (new) A manufacturing method according to claim 9, wherein an outer peripheral edge of the seal member forms a stepless surface.